

Date: Mon, 30 May 94 04:30:13 PDT  
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>  
Errors-To: Ham-Ant-Errors@UCSD.Edu  
Reply-To: Ham-Ant@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Ant Digest V94 #163  
To: Ham-Ant

Ham-Ant Digest                      Mon, 30 May 94                      Volume 94 : Issue 163

Today's Topics:

--> Need Antenna Specs! <-- (2 msgs)  
    2m Yagi Gamma Match  
    After-market HT anten  
    Dipole help  
    Dipole in the trees!  
    FAQ about antennas  
    Skinny Dip

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>

Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: 29 May 1994 07:14:57 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!  
cleveland.Freenet.Edu!ew032@network.ucsd.edu  
Subject: --> Need Antenna Specs! <--  
To: ham-ant@ucsd.edu

I need some information... This summer I'm going to be working at a camp  
up at Huntington Lake (Fresno area), and I need to construct some 2m/440  
antennas...that's where you folks come in! If ANY of you have any good schem's to  
building some good 2m/440 antennas, e-mail me, PLEASE!: stmille@ctp.org

[ Name: Steve Miller ]  
[ DOB : 11/02/78       ]  
[ Call: KE6GPS         ]  
[ BSA : Life Rank     ]  
[ OA : Brotherhood    ]

-----  
Date: Mon, 30 May 1994 03:05:31 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!newsserver.jvnc.net!  
netnews.upenn.edu!news.drexel.edu!dunx1.ocs.drexel.edu!DUVM.OCS.DREXEL.EDU!  
XTL00014@network.ucsd.edu  
Subject: --> Need Antenna Specs! <--  
To: ham-ant@ucsd.edu

ew032@cleveland.Freenet.Edu (Steve A. Miller) writes:  
>Message-ID: <2s9fdh\$ouk@usenet.INS.CWRU.Edu>  
>NNTP-Posting-Host: kanga.ins.cwru.edu  
>I need some information... This summer I'm going to be working at a camp  
>up at Huntington Lake (Fresno area), and I need to construct some 2m/440  
antennas...that's where you folks come in! If ANY of you have any good schem's to  
building some good 2m/440 antennas, e-mail me, PLEASE!: stmille@ctp.org  
>[ Name: Steve Miller ]  
>[ DOB : 11/02/78 ]  
>[ Call: KE6GPS ]  
>[ BSA : Life Rank ]  
>[ OA : Brotherhood ]  
Try a dipole. It's only one band, but cut two 1/4 peices of wire  
and attach one to the center conductor and one to the shield.  
Put the entire thing in a big PVC T and your done!  
Just trim 2 the right SWR and mount the dipole vertically.

73 de N3RCS es gd DX

-----  
Date: Mon, 30 May 1994 06:27:45 GMT  
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!utnut!torn!uunet.ca!uunet.ca!iceonline!  
icebox!janc@network.ucsd.edu  
Subject: 2m Yagi Gamma Match  
To: ham-ant@ucsd.edu

I'm building a 4 element Yagi beam for portable use and am looking for plans  
for a good Gamma matching element. The beam is all metal with a 1" boom and  
1/4" radials.

I've built such beams before with a delta match, but this would be  
inappropriate in this situation since the beams will be used by youngsters and  
a delta match would be somewhat more susceptible to inadvertant damage by  
inexperienced users. Can anybody help? Also of great use would be dimensions  
for a gamma match for 440MHz using the same boom and element diameters.

-----

janc@icebox.iceonline.com : If you eat a live toad first thing in the  
: morning, nothing worse will happen to you all  
Fido: 1:153/7116 : day.  
Amateur Radio: VE7FJC : To you or the toad.

-----

-----

Date: Sat, 28 May 94 14:32:00 -0500  
From: ihnp4.ucsd.edu!agate!iat.holonet.net!wwwswinc!art.harris@network.ucsd.edu  
Subject: After-market HT anten  
To: ham-ant@ucsd.edu

>In article <93.206.7581.0NFB27F7#woodybbs.com>  
>art.harris@woodybbs.com (Art Harris) writes:

>> I'm looking for recommendations for a good flexible 2-meter HT antenna  
>> to replace the 3.5 inch rubber duck that came with my Alinco DJ-F1T.

>I've been extremely pleased with my Diamond RH77CA, which is a dual  
>band ducky. You might want to check out Diamond's 2m only version of  
>this...

I saw an RH77CA three nights ago at a club meeting. I spoke to the  
fellow who had it and he was very happy with it also. I haven't seen any  
2m only versions of this ant in the catalogs, so I think I will go for  
the RH77CA.

Thanks for replying to my post.

Art N2AH

-----

Date: Sat, 28 May 94 19:39:56 EDT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!spool.mu.edu!caen!malgudi.oar.net!  
hypnos!voxbox!jgrubs@network.ucsd.edu  
Subject: Dipole help  
To: ham-ant@ucsd.edu

-----BEGIN PGP SIGNED MESSAGE-----

cmoore@ilx018.intel.com (Cecil A. Moore -FT-~) writes:

> XTL00014@DUVM.OCS.DREXEL.EDU wrote:  
> : If the natural impedance of a dipole for 10m is 72 ohms, is it possible  
> : to directly connect the coax (shield to one side, center to another)  
> : without an SWR problem or do I need a 1:1 balun? 73 de N3RCS AR K

>  
> Quoting from the ARRL Antenna Book, "Greatly improved choke balun  
> performance can be realized by placing several ferrite beads... around  
> the coaxial feed line." For 10m, a dozen no. 73 beads (Amidon no. FB-  
> 73-2401) close to the antenna feed point should work.

I achieved similar results on a six meter dipole once by  
wrapping the co-ax at the antenna end into a small coil about  
eight inches long wrapped around a piece of three inch plastic  
tubing.

-----BEGIN PGP SIGNATURE-----

Version: 2.6

Comment: jgrubs@voxbox.norden1.com (Jim Grubs)

iQCVAgUBLeFW4jDUWq8RWEeNAQGXRAP/TvnwmCyapiimBc0UllvqaoQFkZhfnWk4  
QB95zMr3h82k3huIqJ7K0tnpa9+l4y9X5Mjtyq+o8xqf1x73LiSg25irRhhRb7Nf  
Dqby29LTVVRWBV356SJutuuKEkWkvLlxqh6RiwKP+LjvJsjkE3m8lincGZbrLIL3  
A7V+0Fo1cEs=  
=5d/0

-----END PGP SIGNATURE-----

```
+-----+
| Jim Grubs, W8GRT          Voxbox Enterprises   THIS SPACE FOR RENT |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.  RATES REASONABLE  |
| Fido: 1:234/1.0          Sylvania, Ohio 43560  Home: 419/882-2697  |
|                          AMATEUR RADIO - The National Park of the Mind |
+-----+
```

-----  
Date: 27 May 1994 09:22:48 -0700

From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!  
news.kei.com!ssd.intel.com!chnews!ornews.intel.com!ornews.intel.com!not-for-  
mail@network.ucsd.edu

Subject: Dipole in the trees!

To: ham-ant@ucsd.edu

In article <CqGu60.qu@mail.auburn.edu> gibsowc@eng.auburn.edu writes:

>

>. What effect will the trees around the  
>antenna (I'd say about maybe half of the antenna would be in the woods) have on  
its  
>performance? I'm thinking that the trees around it will create some sort of an  
>impedance problem at its end, but maybe some more knowledgeable folks could fill

me

-----  
Date: 27 May 1994 18:52:09 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!jussieu.fr!univ-lyon1.fr!ws41.cnusc.fr!ciril.fr!sbausson@network.ucsd.edu  
Subject: FAQ about antenas  
To: ham-ant@ucsd.edu

Hello

I am looking for any FAQ about antenas or any interesting files about this ..

Thanks

Bye

      \_/\_/\_/\_/\_/                  Stephane BAUSSON  
      \_/\_/\_/\_/\_/          Engineering student at ENSEM (Nancy - France)  
      \_/\_/\_/\_/\_/          Smail: 4, Rue de Grand, F-88630 CHERMISEY, France  
      \_/\_/\_/\_/\_/  Email: sbausson@ensem.u-nancy.fr  
      \_/\_/\_/\_/\_/

-----  
Date: Sat, 28 May 94 19:43:26 EDT  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!uwm.edu!caen!malgudi.oar.net!hypnos!voxbox!jgrubs@network.ucsd.edu  
Subject: Skinny Dip  
To: ham-ant@ucsd.edu

-----BEGIN PGP SIGNED MESSAGE-----

jfw@ksr.com (John F. Woods) writes:

> keogh@anshar.shadow.net (Matt Keogh) writes:  
> > [ big blob of escape sequences deleted ]  
> >                                  \*\*\* THIGH CREAM \*\*\*  
>  
> Well, he's a dip alright, but we still don't know if he's skinny.

- From what I hear, he's also minus a host.

-----BEGIN PGP SIGNATURE-----

Version: 2.6

Comment: jgrubs@voxbox.norden1.com (Jim Grubs)

iQCVAgUBLeFXSzDUWq8RWEeNAQEJAgP9HGLG+vnaKH/kdz27gpT+3Hm+307XHA2U  
LGrrGVuQ0LTZEMMvN3tV2QdRRSVMUeZjGwUw7AEcSR89A0D8kCZb3GI++1LJY++Ph  
6ZGpJi6AGatQAPEEAFCRCu3M55MEIwN8iI2HKGz1T2+F+WgHPnUmxihmjkdWzjCd  
PluusvbXg9s=  
=L4dW

-----END PGP SIGNATURE-----

```
+-----+
| Jim Grubs, W8GRT          Voxbox Enterprises   THIS SPACE FOR RENT |
| jgrubs@voxbox.norden1.com 6817 Maplewood Ave.  RATES REASONABLE  |
| Fido: 1:234/1.0           Sylvania, Ohio 43560 Home: 419/882-2697 |
|                           AMATEUR RADIO - The National Park of the Mind |
+-----+
```

-----  
Date: (null)

From: (null)

--

zardoz@ornews.intel.com WA7LDV

-----

End of Ham-Ant Digest V94 #163

\*\*\*\*\*